

Abstract

The white balance of a television camera is not lost and kept properly even if the diaphragm is opened to the utmost limit at a dark place. A signal F representing the diaphragm value of the taking lens is inputted from an iris part 2 into a microcomputer 8. The level adjusting values of the R, G, and B signals are set in the microcomputer 8 according to the diaphragm signal F and sent to a white balance correcting circuit 6. The correcting circuit 6 adjusts the levels of the R, G, and B signals to the same value according to the level adjusting values.